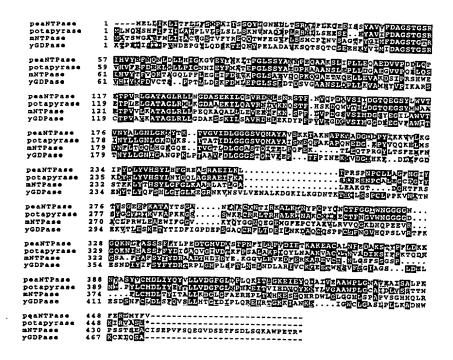
ATO	TGC:	TTTT	TAA	ATTG AAGG	SCC 1	rgcg: rcca(TGAC CAGG ATG	CC G AG T GCC	CCCA GTGA ACT	CTTG(GCAG(TGC TGG	TAAA TGCT GGG	agaa TCAG GCT	GAA CAA GTC	ATTGAC CCGGCC CAAAGC TTC Phe	A 120
															A CAG u Gln 25	279
															r AAT e Asn	327
															C ACT	375
GGA Gly	ACT	CGG Arg	ATT Ile	CAT His	GTT Val	TAC Tyr	ACT Thr 65	TTI Phe	GTG Val	CAG Gln	AAA Lys	A ACF	A GCA	A GGA	A CAG	423
															CTT	471
											Glu				GAG Glu 105	519
															AGG Arg	567
															GAG Glu	615
															AAT Asn	663
TCA Ser	CCT Pro 155	TTC Phe	CTG Leu	GTC Val	CCA Pro	GAT Asp 160	GGC Gly	AGC Ser	GTT Val	AGC Ser	ATC Ile 165	ATG Met	GAT Asp	GGG Gly	TCC Ser	711
TAT Tyr 170	GAA Glu	GGC Gly	ATA Ile	CTA Leu	GCC Ala 175	TGG Trp	GTT Val	ACC Thr	GTG Val	AAC Asn 180	TTT Phe	CTA Leu	ACA Thr	GGT Gly	CAG Gln 185	759
CTG Leu	CAT His	GGT Gly	CGT Arg	GGC Gly 190	CAG Gln	GAG Glu	ACT Thr	GTG Val	GGG Gly 195	ACC Thr	CTT Leu	GAC Asp	CTG Leu	GGG Gly 200	GGT Gly	807
GCC Ala	TCC Ser	ACC Thr	CAA Gln 205	ATC Ile	ACG Thr	TTT Phe	CTA Leu	CCC Pro 210	CAG Gln	TTT Phe	GAG Glu	AAA Lys	ACC Thr 215	CTG Leu	GAA Glu	855
CAA . Gln	ACA Thr	CCT Pro 220	AGG Arg	GGC Gly	TAC Tyr	Leu	ACT Thr 225	TCC Ser	TTT Phe	GAG Glu	ATG Met	TTT Phe 230	AAC Asn	AGC Ser	ACT Thr	903

F16. 1

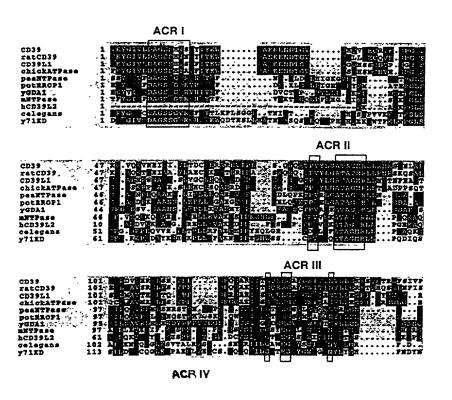
		Leu					Tyr					Leu			GCA Ala	951
	Leu				GGA Gly 255	Ala					Gly				CAT His 265	999
					TGT Cys					Leu					Ile	1047
TTT Phe	GGG Gly	GGT Gly	GTG Val 285	Lys	TAC Tyr	CAG Gln	тат Туг	GGT Gly 290	Gly	AAC Asn	CAA Gln	GAA Glu	GGG Gly 295	Glu	ATG Met	1095
			Pro		TAT Tyr			Val								1143
					GAA Glu							Tyr				1191
					GCC Ala 335											1239
					GTT Val											1287
					AGC Ser											1335
					ACA Thr											1383
					ACA Thr											1431
					GGC Gly 415											1479
					AGC Ser											1527
					GGC Gly											1575
	Lys				GAA Glu	Thr		TAAC	TGGT	тт т	ATAA	GGAG	G GA	.GGGG	TTTT	1629

Fig. 1 (cont'd.)

FIG. 1 (contid.)



F16.2



F16.3

AA0 GC0	SACCO SCGG1	GCT GCA	GCC0 TGG	CCTC	GCT C	CCCC	GAAA GAAT	AA GG	GCA(CTCGT AGGT#	CTC	CGTC	GGT ATGA	GTGG AACT G AT	GCCCAA CGGAGC TCCAGA G AGA	120
															CCC Pro	285
CTG Lev	GGG Gly 20	CTO Lev	TGT Cys	GTG Val	GGC Gly	GTG Val 25	TTC Phe	ATC Ile	TAT	GTI Val	GCC Ala 30	TAC	ATC	AAG Lys	TGG	333
														GCA Ala		381
														ACA Thr 65		429
GCA Ala	GAC Asp	GGG Gly	CAC His 70	GAG Glu	GTC Val	TTC Phe	TAC Tyr	GGG Gly 75	ATC Ile	ATG Met	TTT Phe	GAT Asp	GCA Ala 80	GGA Gly	AGC Ser	477
														AGA Arg		525
														GGT Gly		573
														CGG Arg		621
														AAG Lys 145		669
														CCT Pro		717
														AAA Lys		765
_														GGA Gly		813
GAT Asp 195	GAA Glu	GGC Gly	GTT Val	TCG Ser	GCG Ala 200	TGG Trp	ATC Ile	ACC Thr	ATC Ile	AAC Asn 205	TTC Phe	CTG Leu	ACA Thr	GGC Gly	AGC Ser 210	861
								Val						GGC Gly 225		909

FIG. 4

GG G1	A TC y Se	C AC	T CA r Gl 23	n Il	C GCC e Ala	C TTC a Phe	CTO Leu	CCA Pro 235	Arg	C GTO y Val	G GAG l Glu	GGC Gly	ACC Thr 240	Let	G CAG	957
GC Al	C TC a Se	C CC r Pr 24	o Pr	C GGG O Gl	C TAC y Tyr	CTG Leu	ACC Thr 250	Ala	A CTO	G CGC	ATG Met	TTT Phe 255	Asr	AGG Arg	ACC Thr	1005
TA:	C AA Ly 26	s Le	C TA	T TCC r Sei	TAC Tyr	Ser 265	TAC	CTC Leu	GGG Gly	CTC Leu	GGG Gly 270	Leu	ATC Met	TCG Ser	GCA Ala	1053
CGG Arc 27	i rei	G GC u Al	G ATO	C CTO	GGC Gly 280	GGC Gly	GTG Val	GAG Glu	GGG	CAG Gln 285	Pro	GCT Ala	AAG Lys	GAT Asp	GGA Gly 290	1101
AA(Lys	G GA(G TT	G GT(u Val	AGC Ser 295	Pro	TGC Cys	TTG Leu	TCT	CCC Pro 300	AGT Ser	TTC Phe	AAA Lys	GGA Gly	GAG Glu 305	TGG Trp	1149
GA/ Glu	A CAC	C GCA	A GAZ a Glu 310	ı Vai	ACG Thr	TAC Tyr	AGG Arg	GTT Val 315	TCA Ser	GGG Gly	CAG Gln	AAA Lys	GCA Ala 320	GCG Ala	GCA Ala	1197
AGC Ser	CTG Leu	CAC His 325	s Glu	CTG Leu	TGT Cys	GCT Ala	GCC Ala 330	AGA Arg	GTG Val	TCA Ser	GAG Glu	GTC Val 335	CTT Leu	CAA Gln	AAC Asn	1245
AGA Arg	GTG Val 340	His	AGG Arg	ACG Thr	GAG Glu	GAA Glu 345	GTG Val	AAG Lys	CAT His	GTG Val	GAC Asp 350	TTC Phe	TAT Tyr	GCT Ala	TTC Phe	1293
TCC Ser 355	TAC Tyr	TAT	TAC Tyr	GAC Asp	CTT Leu 360	GCA Ala	GCT Ala	GGT Gly	GTG Val	GGC Gly 365	CTC Leu	ATA Ile	GAT Asp	GCG Ala	GAG Glu 370	1341
AAG Lys	GGA Gly	GGC Gly	AGC Ser	CTG Leu 375	GTG Val	GTG Val	GGG Gly	GAC Asp	TTC Phe 380	GAG Glu	ATC Ile	GCA Ala	GCC Ala	AAG Lys 385	TAC Tyr	1389
GTG Val	TGT Cys	CGG Arg	ACC Thr 390	CTG Leu	GAG Glu	ACA Thr	CAG Gln	CCG Pro 395	CAG Gln	AGC Ser	AGC Ser	Pro :	TTC Phe 400	TCA Ser	TGC Cys	1437
ATG Met	GAC Asp	CTC Leu 405	ACC Thr	TAC Tyr	GTC Val	AGC (CTG Leu 410	CTA Leu	CTC Leu	CAG Gln	Glu	TTC (Phe (415	GGC Gly	TTT Phe	CCC Pro	1485
AGG Arg	AGC Ser 420	AAA Lys	GTG Val	CTG Leu	Lys	CTC I Leu 7 425	ACT Thr	CGG . Arg :	AAA Lys	Ile .	GAC Asp A	AAT (Asn V	GTT Val	GAG /	ACC Thr	1533
AGC Ser 435	TGG Trp	GCT Ala	CTG Leu	Gly	GCC . Ala 440	ATT 1	TTT (CAT '	Tyr	ATC (Ile 1	GAC :	CC C Ser I	CTG . Leu .	Asn A	AGA Arg 450	1581
CAG Gln	AAG Lys	AGT Ser	CCA Pro	GCC Ala 455	TCA '	TAGTO	GCC	GA GO	CCAT	CCT	G TCC	CCGI	CAG	CAG	rgtct	1637
JUU	GTGC	IG G	CACT	TTCT	G CAC	CACTG	GCT	CTGG	GACT	ጥር (ממסמי	GGCC	T CC	こかしてっ	GCACA GCCC GCTC	1697 1757 1817

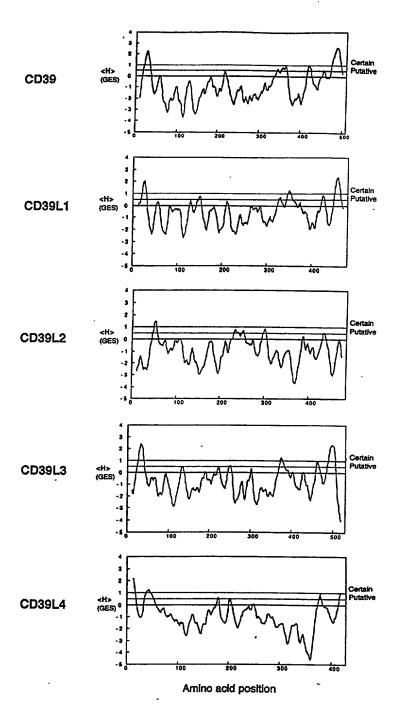
FIG. 4 (contid.)

9598-066

(HEET 8 OF 16)

775555555						
AATGCCACCT	GTCTGCCTGG	GCTCCAAGTG	GGCAGGACCA	GGACAGAACC	ACAGGCACAC	1877
ACTGAGGGGG	CAGTGTGGCT	CCCTGCCTGT	CCCATCCCCA	TGCCCCGTCC	GCGGGGCTGT	1937
GGCTGCTGCT	GTGCATGTCC	CTGCGATGGG	AGTCTTGTCT	CCCAGCCTGT	CAGTTTCCTC	1997
CCCAGGGCAG	AGCTCCCCTT	CCTGCAAGAG	TCTGGGAGGC	GGTGCAGGCT	GTCCTGGCTG	2057
CTCTGGGGAA	GCCGAGGGAC	AGCCATAACA	CCCCCGGGAC	AGTAGGTCTG	GGCGGCACCA	2117
CTGGGAACTC	TGGACTTGAG	TGTGTTTGCT	CTTCCTTGGG	TATGAATGTG	TGAGTTCACC	2177
CAGAGGCCTG	CTCTCCTCAC	ACATTGTGTG	GTTTGGGGTT	AATGATGGAG	GGAGACACCT	2237
CTTCATAGAC	GGCAGGTGCC	CACCTTTCAG	GGAGTCTCCC	AGCATGGGCG	GATGCCGGGC	2297
ATGAGCTGCT	GTAAACTATT	TGTGGCTGTG	CTGCTTGAGT	GACGTCTCTG	TCGTGTGGGT	2357
GCCAAGTGCT	TGTGTAGAAA	CTGTGTTCTG	AGCCCCCTTT	TCTGGACACC	AACTGTGTCC	2417
TGTGAATGTA	TCGCTACTGT	GAGCTGTTCC	CGCCTAGCCA	GGGCCATGTC	TTAGGTGCAG	2477
CTGTGCCACG	GGTCAGCTGA	GCCACAGTCC	CAGAACCAAG	CTCTCGGTGT	CTCGGGCCAC	2537
CATCCGCCCA	CCTCGGGCTG	ACCCCACCTC	CTCCATGGAC	AGTGTGAGCC	CCGGGCCGTG	2597
CATCCTGCTC	AGTGTGGCGT	CAGTGTCGGG	GCTGAGCCCC	TTGAGCTGCT	TCACTGAATC	2657
TACAGTGCCC	GGCACGAGCT	GAACCTCATG	TCTTCCACTC	CCAATAAAAC	CUMCACACAC	
					GIIGACAGGG	2717
GCTTCTCCTT	CAAAAAAAA	AAAAAAAAA	AAAAAAAAA	AAAAA		2762

FIG. 4 (contid)



F16.5

9598-066

"SHEET ID OF 16)

ACC CI	CAC(GCGT CACA(CTG	GCCG(AGGA(CGG (SAAA	AG A	TG I	TC A	CT G	TG C al L	TG F	ACC (CGC (CAA C	CA TG CA TG CO Cy 10	T 112
GA G1	G CA u Gl	A GC	CA GO	GC CT ly Le 15	eu Ly	G GC S Al	C CT a Le	C TA u Ty	C CG r Ar	A AC g Th	T CC	A AC	CC AT	C AT le I1 25	T GCC e Ala	160
TT Le	G GT u Va	G GI 1 Va	C T7	eu Le	T GT u Va	G AG 1 Se	T AT	T GT e Va 35	G GTA	A CT	T GT u Va	G AG	T AT	e Th	T GTC r Val	208
AT Il	C CA e Gl	G AT n Il 45	e Hi	AC AA .s Ly	G CA 's Gl	A GA	G GT u Va 50	C CTO	c cci	r cci	A GG o Gl	A CT y Le 55	u Ly	G TA 'S Ty	T GGT r Gly	256
AT'	r GT Va 60	T Fe	G GA u As	T GC	C GG a Gl	G TC: y Se: 65	TC:	A AGA	A ACC	ACI Thi	A GT Va. 70	C TA 1 Ty	C GT r Va	G TA 1 Ty	T CAA r Gln	304
TG(Trp 75	Pro	A GC	A GA a Gl	A AA u Ly	A GAG S Glu 80	G AA1 u Asi	AA1 Asr	r ACC	GGA Gly	GTG Val 85	GT(C AG l Se	T CA	A ACo	C TTC Phe 90	352
AA# Lys	TG:	r AG' s Se:	r GT r Va	G AA 1 Ly: 95	A GGG S Gly	C TCT / Ser	GGA Gly	A ATC	TCC Ser 100	Ser	TAT	GG Gly	A AA' y Ası	T AAC n Asr 105	C CCC Pro	400
CAA Gln	GAT Asp	GT(C CCC L Pro 110	o Arg	A GCC J Ala	TTT Phe	GAG Glu	GAG Glu 115	Cys	ATG Met	CAA Gln	AAA Lys	A GT0 5 Val 120	Lys	GGG	448
iln	Val	125	Sei	: His	: Leu	His	Gly 130	Ser	Thr	Pro	Ile	His 135	Let	Gly	GCC Ala	496
nr	140	GIÀ	Met	: Arg	Leu	Leu 145	Arg	Leu	CAA Gln	Asn	Glu 150	Thr	Ala	Ala	Asn	544
55	Val	Leu	Glu	Ser	11e 160	Gln	Ser	Tyr	TTC Phe	Lys 165	Ser	Gln	Pro	Phe	Asp 170	592
ne	Arg	Gly	Ala	175	Ile	Ile	Ser	Gly	CAA Gln 180	Glu	Glu	Gly	Val	Tyr 185	Gly	640
гр	Ile	Thr	Ala 190	Asn	Tyr	Leu	Met	Gly 195	AAT Asn	Phe	Leu	Glu	Lys 200	Asn	Leu	688
GG rp	CAC His	ATG Met 205	TGG	GTG Val	CAC His	Pro	CAT His 210	GGA Gly	GTG Val	GAA Glu	ACC Thr	ACG Thr 215	GGT Gly	GCC Ala	CTG Leu	736
sp	TTA Leu 220	GGT Gly	GGT Gly	GCC Ala	TCC Ser	ACC Thr 225	CAA Gln	ATA Ile	TCC Ser	Phe	GTG Val 230	GCA Ala	GGA Gly	GAG Glu	AAG Lys	784

F16.6

ATG Met 235	Asp	CTG Leu	AAC Asn	ACC Thr	AGC Ser 240	GAC Asp	ATC Ile	ATG Met	CAG Gln	GTG Val 245	TCC Ser	CTG Leu	TAT Tyr	GGC Gly	TAC Tyr 250	832
GTA Val	TAC Tyr	ACG Thr	CTC Leu	TAC Tyr 255	ACA Thr	CAC His	AGC Ser	TTC Phe	CAG Gln 260	TGC Cys	TAT Tyr	GGC Gly	CGG Arg	AAT Asn 265	GAG Glu	880
GCT Ala	GAG Glu	AAG Lys	AAG Lys 270	TTT Phe	CTG Leu	GCA Ala	ATG Met	CTC Leu 275	CTG Leu	CAG Gln	AAT Asn	TCT Ser	CCT Pro 280	ACC Thr	AAA Lys	928
AAC Asn	CAT His	CTC Leu 285	ACC Thr	AAT Asn	CCC Pro	TGT Cys	TAC Tyr 290	CCT Pro	CGG Arg	GAT Asp	TAT Tyr	AGC Ser 295	ATC Ile	AGC Ser	TTC Phe	976
ACC Thr	ATG Met 300	GGC Gly	CAT His	GTA Val	TTT Phe	GAT Asp 305	AGC Ser	CTG Leu	TGC Cys	ACT Thr	GTG Val 310	GAC Asp	CAG Gln	AGG Arg	CCA Pro	1024
GAA Glu 315	AGT Ser	TAT Tyr	AAC Asn	CCC Pro	AAT Asn 320	GAT Asp	GTC Val	ATC Ile	ACT Thr	TTT Phe 325	GAA Glu	GGA Gly	ACT Thr	GGG Gly	GAC Asp 330	1072
CCA Pro	TCT Ser	CTG Leu	TGT Cys	AAG Lys 335	GAG Glu	AAG Lys	GTG Val	GCT Ala	TCC Ser 340	ATA Ile	TTT Phe	GAC Asp	TTC Phe	AAA Lys 345	GCT Ala	1120
TGC Cys	CAT His	GAT Asp	CAA Gln 350	GAA Glu	ACC Thr	TGT Cys	TCT Ser	TTT Phe 355	GAT Asp	GGG Gly	GTT Val	TAT Tyr	CAG Gln 360	CCA Pro	AAG Lys	1168
ATT Ile	AAA Lys	GGG Gly 365	CCA Pro	TTT Phe	GTG Val	GCT Ala	TTT Phe 370	GCA Ala	GGA Gly	TTC Phe	TAC Tyr	TAC Tyr 375	ACA Thr	GCC Ala	AGT Ser	1216
Ala	Leu 380	Asn	Leu	Ser	Gly	Ser 385	Phe	Ser	Leu	Asp	ACC Thr 390	Phe	Asn	Ser	Ser	1264
ACC Thr 395	TGG Trp	AAT Asn	TTC Phe	TGC Cys	TCA Ser 400	CAG Gln	AAT Asn	TGG Trp	AGT Ser	CAG Gln 405	CTC Leu	CCA Pro	CTG Leu	CTG Leu	CTC Leu 410	1312
CCC Pro	AAA Lys	TTT Phe	GAT Asp	GAG Glu 415	GTA Val	TAT Tyr	GCC Ala	CGC Arg	TCT Ser 420	TAC Tyr	TGC Cys	TTC Phe	TCA Ser	GCC Ala 425	AAC Asn	1360
TAC Tyr	ATC Ile	TAC Tyr	CAC His 430	TTG Leu	TTT Phe	GTG Val	AAC Asn	GGT Gly 435	TAC Tyr	AAA Lys	TTC Phe	ACA Thr	GAG Glu 440	GAG Glu	ACT Thr	1408
TGG Trp	CCC Pro	CAA Gln 445	ATA Ile	CAC His	TTT Phe	GAA Glu	AAA Lys 450	GAA Glu	GTG Val	GGG Gly	AAT Asn	AGC Ser 455	AGC Ser	ATA Ile	GCC Ala	1456
TGG Trp	TCT Ser 460	CTT Leu	GGC Gly	TAC Tyr	Met	CTC Leu 465	AGC Ser	CTG Leu	ACC Thr	AAC Asn	CAG Gln 470	ATC Ile	CCA Pro	GCT Ala	GAA Glu	1504
											GTC Val					1552

Fig. 6 (contid.)

CTC GO															1600
TAC CT										-			-		1648
GAC CA Asp Hi		Val				TGAG	CCTT	CA A	AGCA	GCTC	C TG	GAG	TCCAF	A TGGC	1703
TGCTTA	AGAGT	CAGCO	TGGG	T GO	CACC	AGGC	AAT	GCAG	GTG	AAGT	GGCT	GC (CTTCA	GGAAA	1763
TACAAC	CTAAC	TAAAA	TCAA	A CA	CCTA	GGTC	ACG	TGCC	TCT	CAAA	TACT	'GA	TTTCT	GCCAC	1823
AGCACO	CTCTT	GAGGC	ATCC	C TI	GGCI	ATTO	TGT	GCAT	ATT	GTTC	TTCA	GA (GACCI	CACTA	1883
CCCACA	ATGCT	GATCI	ATTG	G GG	AACA	GAGA	AGA	GACA	GGC	CACT	AAGG	TC I	AGGCI	CTTTA	1943
TATTAA	AGTTC	CCCAG	AGGA	A GA	GTAA	GTTG	AGA	AGGT	ATC	AGTT	TAAT	GT :	IGAAG	AATTG	2003
ACCTCA	AGGGC	TCAGT	TTCC	A TI	TCCC	TCCC	TCA	GTAT	TCT	TCCT	GGCA	AG i	ATACC	CATTA	2063
AGCATI	TCGC	CAATO	AGAA	T CI	CATT	TATT	AGT	TTTT	CCC	ATTG	GTCT	TT A	AACTA	AGACT	2123
TTCTTG	TAGC	AATCI	CGTA	A GC	AGTG	AACC	CCC	TCAG	ATC	AGTA	GAAT	AT A	AGTAT	CTGGG	2183
GGAGAA	GACT	TACTI	CCTT	C AG	GGCA	GCAG	CCA	CAGC	CAG	GCTT	CTGT	CA :	racag	GTAGA	2243
TCCCGA	AGCA	CAGAG	ACAT	A AA	AAAG	GTCT	CCC	AGAA	AAC	TATA	GACC	AT :	CTCC	AAGTG	2303
GAATTC	CCAC	TTAGG	GCTC	T GG	TCAC	TAGA	TTG	CAAC	CTG	TGTG	TTTG	TC A	ATCAT	CCTCA	2363
TCTCAC	CATT	GTATT	GCTA	T GC	CCTC	CCAT	AAA	AACA	CAT	TGAT	CCCT	AG (CAAGA	TTATT	2423
GCATTC	CAGA	TTTTA	CTGC	C TT	TGCT	AGGC	TTT	TGCT	TAG	CAAA	GGGC	TG A	CTTT	CCATT	2483
GTTATC	ATGG	TGTAT	ATAT	T TT	TGTC	ACCA	TTC	CCAC	AAG	TATA	CTTG	AT (STTGT	CATAG	2543
AACGAA	CATC	CTACT	CTAT	G AT	TTAC	TAAC	CAA	TTAC	TTT	CCCA	GATC	AT A	AGACC	TCTCT	2603
GCATAG														TTATC	2663
rccaaa															2723
TTATT			GTTT	C TT	AGCT	GAAT	ATG	GAAT.	AAA	GAAC'	TATT.	AT 1	TATT	TTTGA	2783
AAAAA	AAAA	AAAA													2797

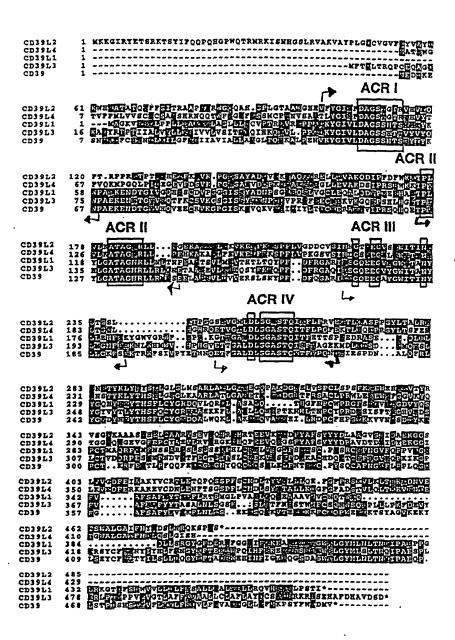
Fig. 6 (cont.d)

TCA:	PACAC AGGTO	SAC A SAT A STG (AAGAT ATAAT CGAGC	CATI CAAA(CAGGI	TA TO SG AA T TO	GTG(ACCA! GCTT(TGT7 AGGA(TGC/	AGC AAAA AACA ACA	AATTO AAAAO ATC 1	SACT CAGA SCCT TTT 1 Phe I	TGTA AGGA CCAC	AAAGA CCAC ATG	AAA A CC A	LTAAL	AATCC AGGTTG CCCTC CTTGGG STA Val	60 120 180 240 288
TCC Ser 15	TGT Cys	GTT Val	TGC Cys	AGC Ser	GCT Ala 20	GTC Val	TCC Ser	CAC His	AGG Arg	AAC Asn 25	CAG Gln	CAG Gln	ACT Thr	TGG Trp	TTT Phe 30	336
GAG Glu	GGT Gly	ATC Ile	TTC Phe	CTG Leu 35	TCT Ser	TCC Ser	ATG Met	TGC Cys	CCC Pro 40	ATC Ile	AAT Asn	GTC Val	AGC Ser	GCC Ala 45	AGC Ser	384
ACC Thr	TTG Leu	TAT Tyr	GGA Gly 50	ATT Ile	ATG Met	TTT Phe	GAT Asp	GCA Ala 55	GGG Gly	AGC Ser	ACT Thr	GGA Gly	ACT Thr 60	CGA Arg	ATT Ile	432
CAT His	GTT Val	TAC Tyr 65	ACC Thr	TTT Phe	GTG Val	CAG Gln	AAA Lys 70	ATG Met	CCA Pro	GGA Gly	CAG Gln	CTT Leu 75	CCA Pro	ATT Ile	CTA Leu	480
GAA Glu	GGG Gly 80	GAA Glu	GTT Val	TTT Phe	GAT Asp	TCT Ser 85	GTG Val	AAG Lys	CCA Pro	GGA Gly	CTT Leu 90	TCT Ser	GCT Ala	TTT Phe	GTA Val	528
GAT Asp 95	CAA Gln	CCT Pro	AAG Lys	CAG Gln	GGT Gly 100	GCT Ala	GAG Glu	ACC Thr	GTT Val	CAA Gln 105	GGG Gly	CTC Leu	TTA Leu	GAG Glu	GTG Val 110	576
GCC Ala	AAA Lys	GAC Asp	TCA Ser	ATC Ile 115	CCC Pro	CGA Arg	AGT Ser	CAC His	TGG Trp 120	AAA Lys	AAG Lys	ACC Thr	CCA Pro	GTG Val 125	GTC Val	624
CTA Leu	AAG Lys	GCA Ala	ACA Thr 130	GCA Ala	GGA Gly	CTA Leu	CGC Arg	TTA Leu 135	CTG Leu	CCA Pro	GAA Glu	CAC His	AAA Lys 140	GCC Ala	AAG Lys	672
GCT Ala	CTG Leu	CTC Leu 145	TTT Phe	GAG Glu	GTA Val	AAG Lys	GAG Glu 150	ATC Ile	TTC Phe	AGG Arg	AAG Lys	TCA Ser 155	CCT Pro	TTC Phe	CTG Leu	720
GTA Val	CCA Pro 160	AAG Lys	GGC Gly	AGT Ser	GTT Val	AGC Ser 165	ATC Ile	ATG Met	GAT Asp	GGA Gly	TCC Ser 170	GAC Asp	GAA Glu	GGC Gly,	ATA Ile	768
TTA Leu 175	GCT Ala	TGG Trp	GTT Val	ACT Thr	GTG Val 180	AAT Asn	TTT Phe	CTG Leu	ACA Thr	GGT Gly 185	CAG Gln	CTG Leu	CAT His	GGC Gly	CAC His 190	816
AGA Arg	CAG Gln	GAG Glu	ACT Thr	GTG Val 195	GGG Gly	ACC Thr	TTG Leu	GAC Asp	CTA Leu 200	GGG Gly	GGA Gly	GCC Ala	TCC Ser	ACC Thr 205	CAA Gln	864
ATC Ile	ACG Thr	TTC Phe	CTG Leu 210	CCC Pro	CAG Gln	TTT Phe	GAG Glu	AAA Lys 215	ACT Thr	CTG Leu	GAA Glu	CAA Gln	ACT Thr 220	CCT Pro	AGG Arg	912
GGC Gly	TAC Tyr	CTC Leu 225	ACT Thr	TCC Ser	TTT Phe	GAG Glu	ATG Met 230	TTT Phe	AAC Asn	AGC Ser	ACT Thr	TAT Tyr 235	AAG Lys	CTC Leu	TAT Tyr	960

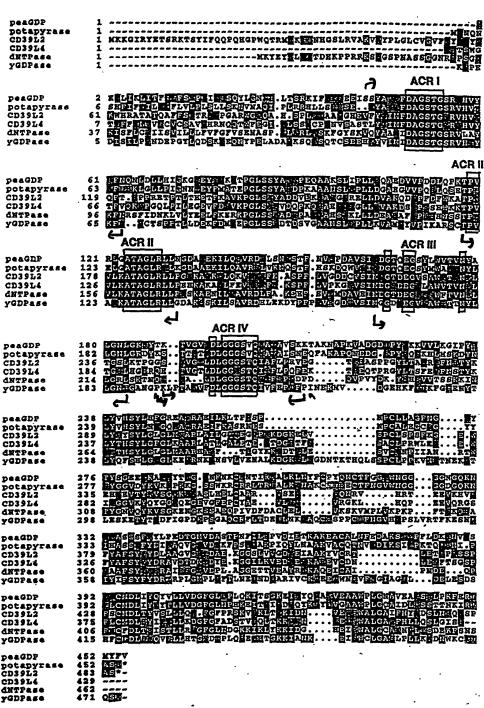
F16.7

		Ser					Gly				GCA Ala 250	Arg				1008
CTG Leu 255	Gly	GCC Ala	CTG Leu	GAG Glu	ACA Thr 260	Glu	GGG Gly	ACT	GAT Asp	GG G1y 265	CAC His	ACT Thr	TTC Phe	CGG Arg	AGT Ser 270	1056
GCC Ala	TGT Cys	TTA Leu	CCG Pro	AGA Arg 275	TGG	TTG Leu	GAA Glu	GCA Ala	GAG Glu 280	Trp	ATC Ile	TTT Phe	GGG Gly	GGT Gly 285	GTG Val	1104
											GTG Val					1152
											AAA Lys					1200
GAG Glu	GAG Glu 320	GTC Val	CAG Gln	AGA Arg	GGT Gly	TCC Ser 325	TTC Phe	TAT Tyr	GCT Ala	TTC Phe	TCT Ser 330	TAC Tyr	TAT Tyr	TAT Tyr	GAC Asp	1248
											AAG Lys					1296
			Asp								GTG Val					1344
											ATG Met					1392
ATC Ile	Thr	GCC Ala 385	CTG Leu	TTA Leu	AAG Lys	Asp	GGC Gly 390	TTT Phe	GGC Gly	TTT Phe	GCA Ala	GAC Asp 395	AGC Ser	ACA Thr	GTC Val	1440
Leu	CAG Gln 400	CTC Leu	ACA .	AAG Lys	Lys	GTG . Val . 405	AAC Asn	AAC Asn	ATA Ile	GAG Glu	ACG Thr 410	GGC Gly	TGG Trp	GCC Ala	TTG Leu	1488
GGG Gly 415	GCC Ala	ACC Thr	TTT (Phe	His :	CTG Leu 420	TTG (Leu (CAG	TCT Ser	Leu	GGC Gly 425	ATC Ile	TCC Ser	CAT His	TGAG	GCCAC	1539
TTTC TACA TCAC CCAG TCCA	TGAA CATC AGAG GGAC CTGA CAAT	CT AC TA AC AG CC AG GC AT AC AT CC	GTCT(IGTG/ CCTG! ICCC! ITTA/ AGTA!	SGGA LACT LGAG LGGAL LATT LTTT	C ATO	CCTG(GCCT) AAAA(CAAA(CTCT) CCTC(Gact Aacc Stat Gaaa Gaaa Ccta	ACTO ACTO AGTO AATO TGGO TACA	GCCT: CAAG: ITTG: CGCA' CAAA: AGTG:	AGA AGT GAA PTT CTG CCC	GATT ACAC CTTA CAAC ACTT	TAGG AGCT ACCT CCTT ATTG	TT TA GG CA TG GA TG AC	AATT ACCA AGTG GTGC FCCC	CTTAG AATTT GAGCA AGAGC CTCAT AAGAC GCACC	1599 1659 1719 1779 1839 1899 1959

Fig. 7 (cont'd)



F16.8



F16. 9